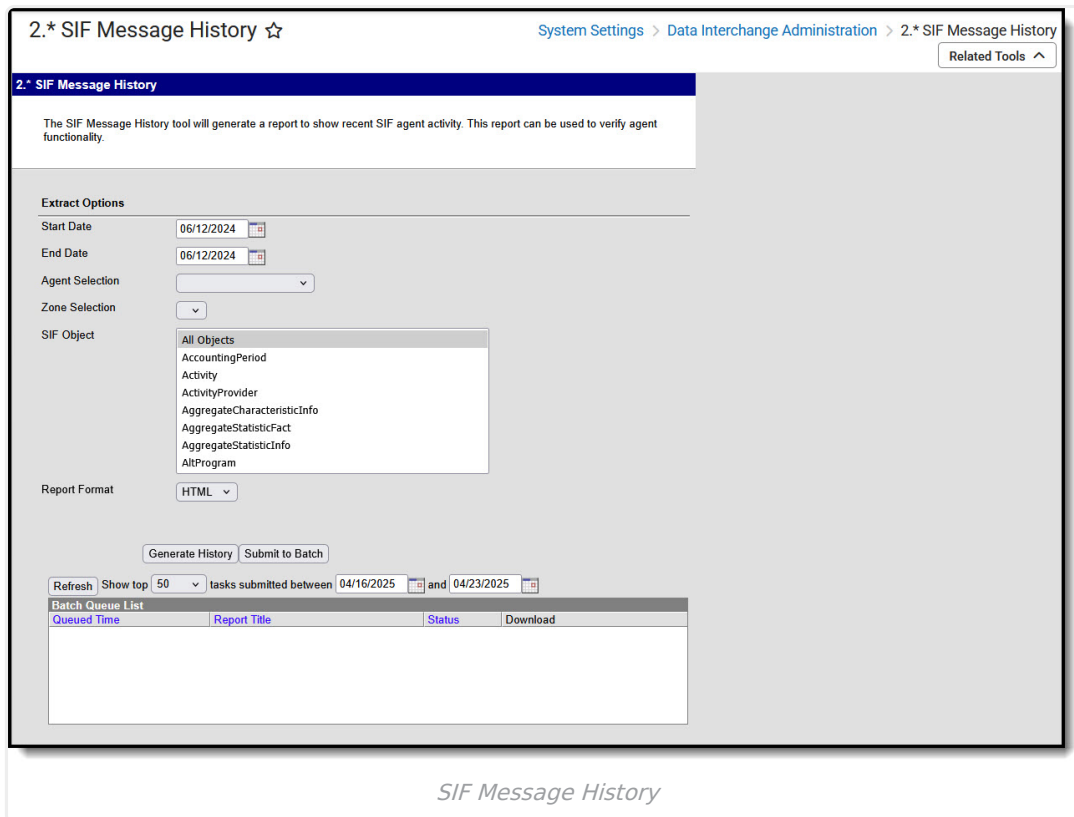


SIF Message History (2.*)

Last Modified on 04/30/2025 8:48 am CDT

Tool Search: SIF Message History

The SIF Message History tool allows users to generate a report which includes detailed information about messages sent for a specific SIF object within a specific time frame, agent, and zone. This report allows you to review recent SIF agent activity and is especially useful for troubleshooting errors to and from a SIF reporting entity.



The screenshot shows the '2.* SIF Message History' tool interface. At the top, there is a breadcrumb trail: 'System Settings > Data Interchange Administration > 2.* SIF Message History'. Below this is a 'Related Tools' link. The main heading is '2.* SIF Message History'. A descriptive text box states: 'The SIF Message History tool will generate a report to show recent SIF agent activity. This report can be used to verify agent functionality.' Below this is the 'Extract Options' section, which includes fields for 'Start Date' (06/12/2024), 'End Date' (06/12/2024), 'Agent Selection' (a dropdown menu), 'Zone Selection' (a dropdown menu), and 'SIF Object' (a list box containing: All Objects, AccountingPeriod, Activity, ActivityProvider, AggregateCharacteristicInfo, AggregateStatisticFact, AggregateStatisticInfo, and AltProgram). There is also a 'Report Format' dropdown set to 'HTML'. Below these options are buttons for 'Generate History' and 'Submit to Batch'. At the bottom, there is a 'Batch Queue List' table with columns: 'Queued Time', 'Report Title', 'Status', and 'Download'. The table is currently empty. Above the table, there are controls for 'Refresh', 'Show top' (set to 50), and a date range filter 'tasks submitted between 04/16/2025 and 04/23/2025'.

SIF Message History

- Read** - Access and generate the report
- Write** - Provides no function for this tool
- Add** - Provides no function for this tool
- Delete** - Provides no function for this tool

For more information about Tool Rights and how they function, see [this Tool Rights article](#).

Generating the SIF Message History Report

Users can generate the SIF Message History Report to review recent SIF agent activity and diagnose SIF message errors which may be occurring from a SIF reporting entity.

2. SIF Message History

The SIF Message History tool will generate a report to show recent SIF agent activity. This report can be used to verify agent functionality.

Extract Options

Start Date: 08/29/2018

End Date: 08/29/2018

Agent Selection: KYStateCampus

Zone Selection: KYStateZone

SIF Object: All Objects

Report Format: HTML

Generate History Submit to Batch

Refresh Show top 50 tasks submitted between 08/22/2018 and 08/29/2018

Batch Queue List	Queued Time	Report Title	Status	Download
	08/29/2018 03:21:44 PM	SIFMessageHistory	Queued	

Generating the SIF Message History

To Generate the SIF Message History Report

1. Enter the **Start Date**. This is the first day in the date range of SIF messages included in the report.
2. Enter the **End Date**. This is the last day in the date range of SIF messages included in the report.
3. Select an agent from the **Agent Selection** dropdown list. Only SIF messages processed from this agent are included in the report.
4. Select a zone from the **Zone Selection** dropdown list. Only SIF messages processed through this zone are included in the report.
5. Select which **SIF Objects** will report message data. Select 'All Objects' to see all SIF messages within the timeframe of the zone and agent selected or select an individual (or more) SIF Object to see SIF message results for these specific objects.
6. Select the **Report Format**. Options include HTML or CSV.
7. Select how the report will be generated.
 - Click **Generate Extract** to view the report in the selected format or
 - Click **Submit to Batch** to schedule when the report will generate. When submitting the report to batch, the report will appear within the Batch Queue List in a Status of Queued. Once complete, the Status will update to Completed and you can access the report by clicking the Get the report hyperlink (see image below).

Refresh Show top 50 tasks submitted between 08/23/2018 and 08/30/2018

Batch Queue List	Report Title	Status	Download
08/29/2018 03:21:44 PM	SIFMessageHistory	Completed	Get the report

Get the Report Link

Understanding the SIF Message History Report

Records: 7

batchID	batchGUID	agentName	zoneName	name	recordsSent	recordsProcessed	recordsErrorCount	status	startTimestamp	endTimestamp	partial	triggeredBy
4389	5153C763-0AC8-1493-0000-0165443BAC04	KYStateCampus	KYStateZone	Enrollment	151761	124532	27229	4	2018-08-16 14:34:46.02	2018-08-16 15:41:55.607	0	
4388	5153C763-0AC8-1493-0000-0165443BABF5	KYStateCampus	KYStateZone	PersonIdentity	157682	157216	466	4	2018-08-16 14:34:46.003	2018-08-16 15:01:13.663	0	
4387	5153C763-0AC8-1493-0000-0165443BABF4	KYStateCampus	KYStateZone	StructureGradeLevel	426	419	7	4	2018-08-16 14:34:46.003	2018-08-16 14:36:33.62	0	
4385	5153C763-0AC8-1493-0000-0165443BABE4	KYStateCampus	KYStateZone	Calendar	241	234	7	4	2018-08-16 14:34:45.987	2018-08-16 14:36:03.383	0	
4386	5153C763-0AC8-1493-0000-0165443BABE5	KYStateCampus	KYStateZone	ScheduleStructure	426	419	7	4	2018-08-16 14:34:45.987	2018-08-16 14:36:03.447	0	
4384	5153C763-0AC8-1493-0000-0165443BABD5	KYStateCampus	KYStateZone	School	198	187	11	4	2018-08-16 14:34:45.973	2018-08-16 14:36:03.257	0	
4383	5153C763-0AC8-1493-0000-0165443BABA6	KYStateCampus	KYStateZone	District	1	1	0	4	2018-08-16 14:34:45.94	2018-08-16 14:33:33.177	0	

Example of the SIF Message History Report

The table below describes each column on the report.

Column	Description
Batch ID	A unique identifier for the batch sync processed for that object in the identified agent and zone.
Batch GUID	A unique identifier for the batch sync processed for that object in the identified agent and zone.
Agent Name	The agent which processed the SIF messages.
Zone Name	The zone which processed the SIF messages.
Name	The name of the SIF object.
Records Sent	The number of records sent during the batch sync.
Records Processed	The number of records successfully processed by the receiving SIF entity. If this number varies from the Records Sent number, this indicates errors occurred.

Column	Description
Records Error Count	The number of records that were not successfully processed by the receiving SIF entity. This indicates additional investigation might be necessary to identify the reason behind these errors.
Status	The determined status of the batch sync. <ul style="list-style-type: none"> • 3 = Success • 4 = Fail
Start Timestamp	The time in which the SIF request is received by the SIF reporting entity (this is not when Campus has responded).
End Timestamp	The time in which the SIF message failed. This will only populate a value for failed messages. If the message was successful, this field reports as null.
Partial	Always reports as 0.
Triggered By	Always reports blank.